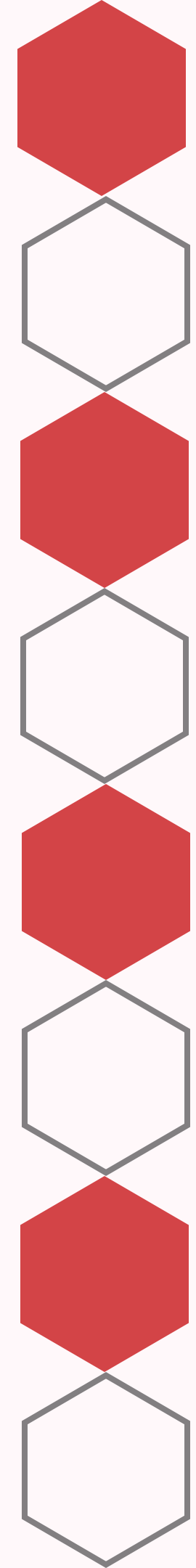




APPLICATIONS AND USES OF TUNGSTEN COPPER ROD

Advanced industrial material for
high-performance applications.



Introduction

High-performance composite material.

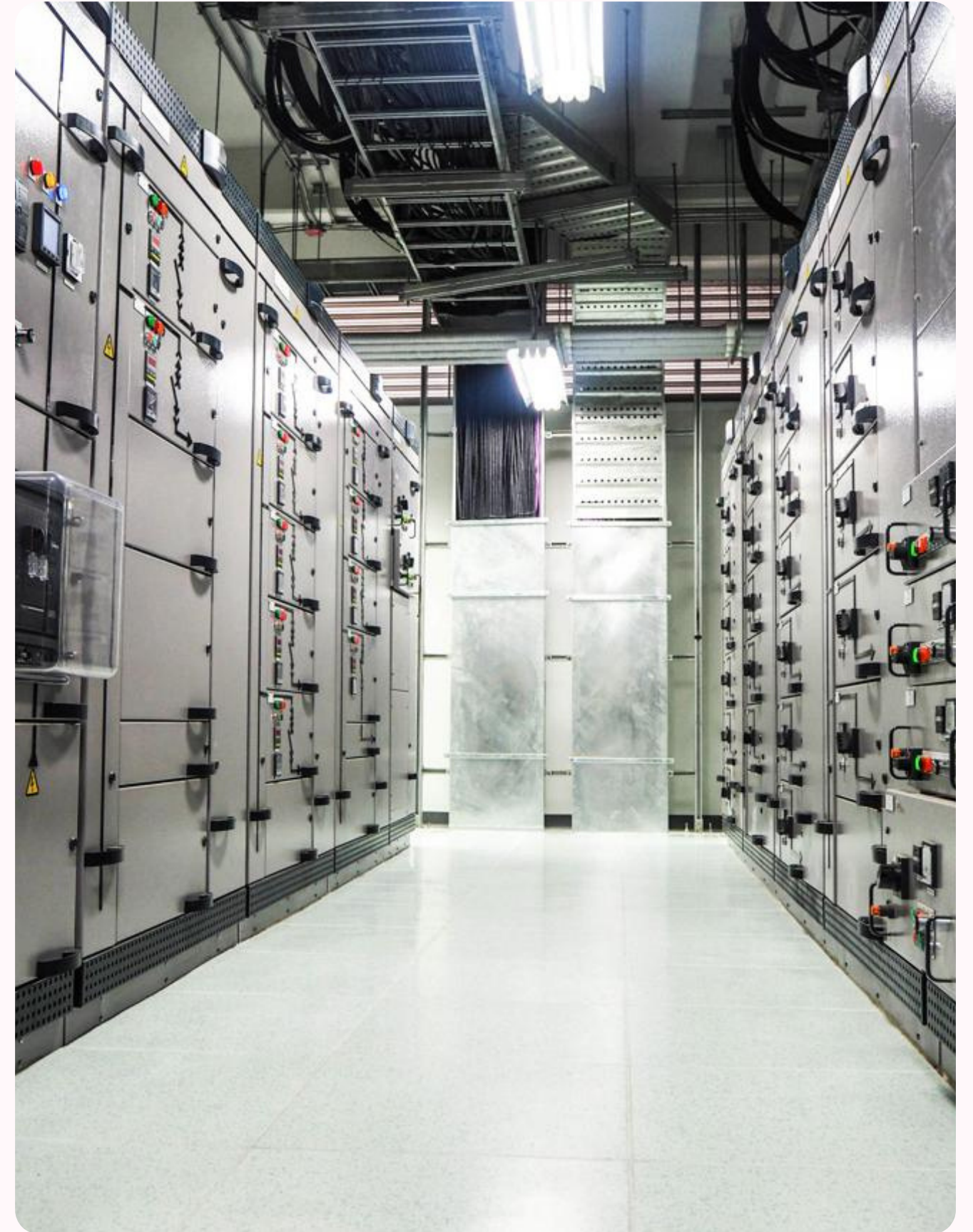
- Tungsten copper is a metal matrix composite
- Made from tungsten and copper combination
- Offers high thermal and electrical performance
- Used where heat resistance is critical
- Popular in advanced industrial systems



Electrical Applications

Used in power electrical systems.

- Used in high-voltage electrical contacts
- Suitable for circuit breakers and switches
- Ensures stable electrical conductivity
- Handles high current load efficiently
- Prevents overheating in systems



EDM Applications

Best for precision machining

- Used as electrodes in EDM machines
- Provides high wear resistance
- Maintains shape under extreme heat
- Improves machining accuracy
- Ideal for precision metal cutting



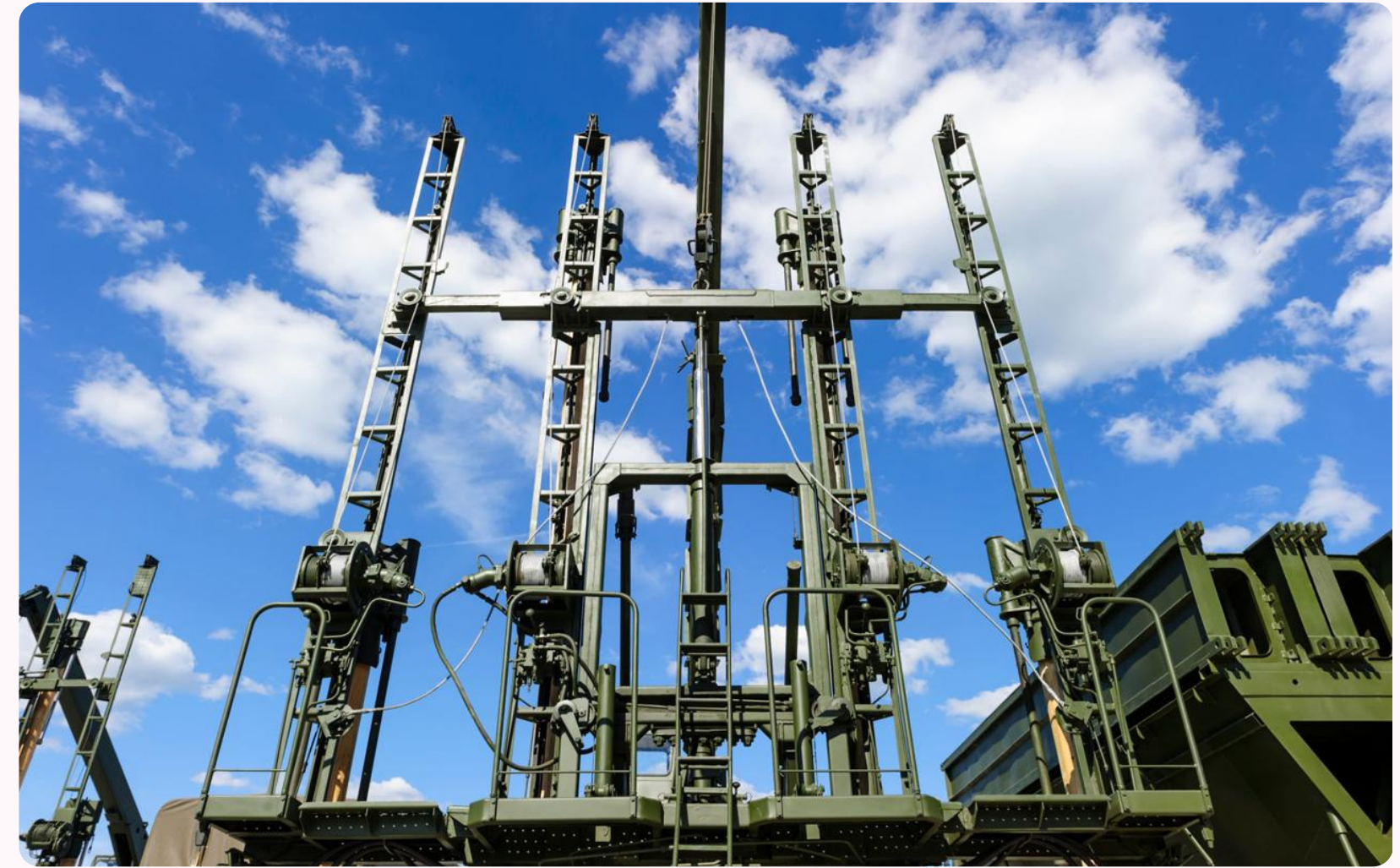
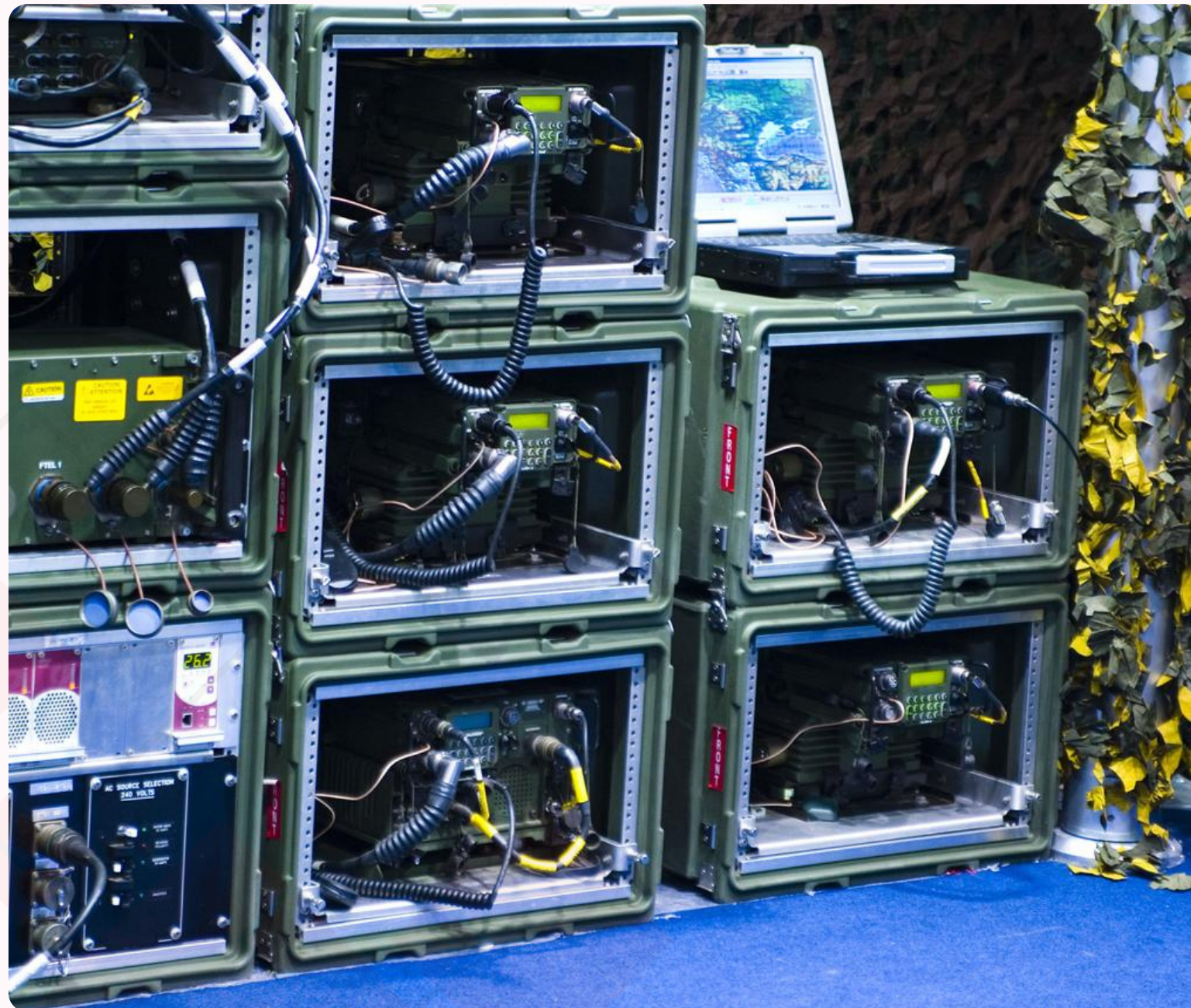
Aerospace Applications

Works in extreme aerospace conditions.

- Used in spacecraft components
- Suitable for high-temperature environments
- Provides structural stability
- Used in rocket and aviation systems
- Ensures reliable performance under stress



Defense & Military Uses

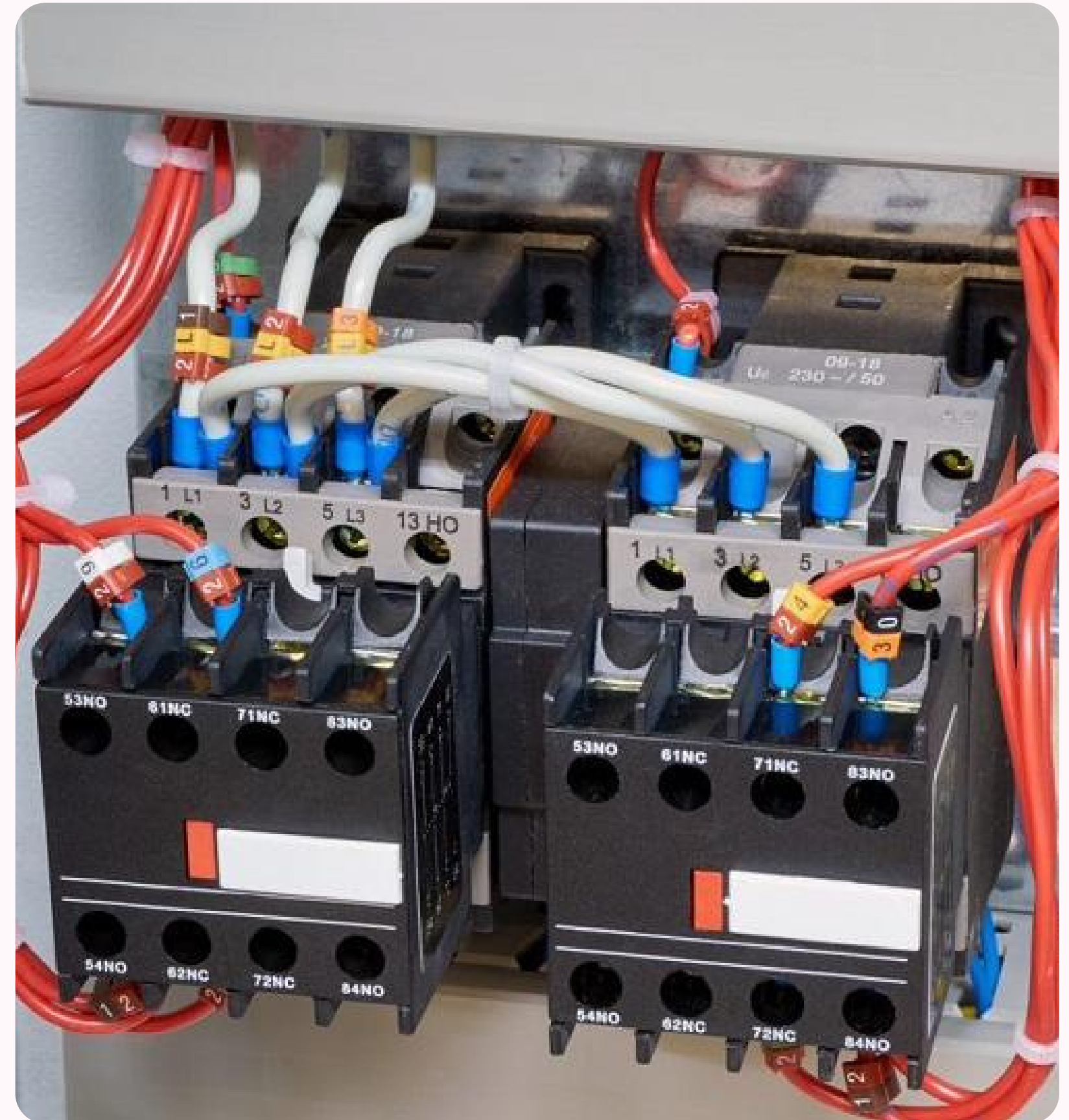


- Used in armor-piercing components
- Applied in missile systems
- High density improves impact resistance
- Performs well under extreme conditions
- Critical for defense engineering

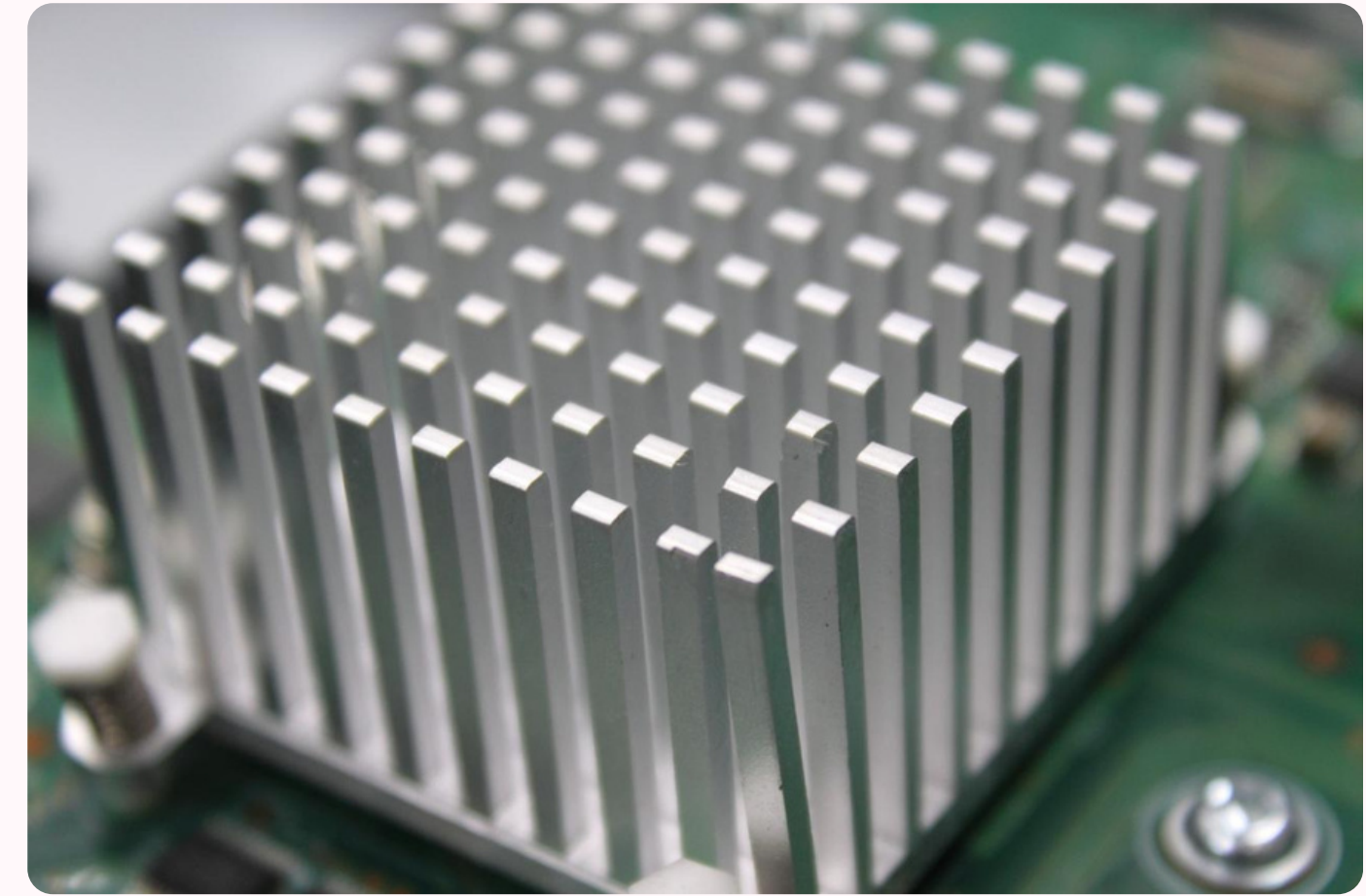
Electrical Contacts & Electrodes



- Used in welding electrodes
- High resistance to arc erosion
- Improves contact life span
- Stable performance under heat
- Widely used in industrial machines



Heat Sink Applications



Efficient heat control material.

- Excellent thermal conductivity
- Used in heat dissipation systems
- Controls overheating in devices
- Maintains system efficiency
- Suitable for electronics cooling

Industrial Machinery

- Used in high-performance machines
- Supports heavy-duty operations
- Reduces wear and tear
- Ensures long service life
- Improves machine efficiency



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